

Seiad Valley Groundwater Basin

- Groundwater Basin Number: 1-16
- County: Siskiyou
- Surface Area: 2,250 acres (4 square miles)

Basin Boundaries and Hydrology

The Seiad Valley Groundwater Basin is an irregularly shaped basin that includes the valleys of Canyon and Grider Creeks and a short reach of the Klamath River. The basin is bounded to the south by granitic rocks of Slinkard Peak. The elongated shape of the Canyon Creek valley is controlled by a fault and is bounded to the south by Pre-Cretaceous metavolcanic rocks and to the north by Pre-Silurian metamorphic rocks (Strand 1962). The basin fill is comprised of Quaternary alluvium. Annual precipitation in the basin ranges from 29- to 41-inches, increasing from east to west, and increases to 53-inches to the south in the Grider Creek area.

Hydrogeologic Information

Hydrogeologic information was not available for the following:

Water-Bearing Formations

Groundwater Level Trends

Groundwater Storage

Groundwater Budget (Type B)

The estimate of groundwater extraction for the Seiad Valley basin is based on a survey conducted during 1991 by the California Department of Water Resources. The survey included land use and sources of water. Groundwater extraction for municipal and industrial uses is estimated to be 29 acre-feet. Deep percolation of applied water is estimated to be 29 acre-feet.

Groundwater Quality

Water Quality in Public Supply Wells

Constituent Group ¹	Number of wells sampled ²	Number of wells with a concentration above an MCL ³
Inorganics – Primary	1	0
Radiological	0	0
Nitrates	2	0
Pesticides	0	0
VOCs and SOCs	0	0
Inorganics – Secondary	1	1

¹ A description of each member in the constituent groups and a generalized discussion of the relevance of these groups are included in *California's Groundwater – Bulletin 118* by DWR (2003).

² Represents distinct number of wells sampled as required under DHS Title 22 program from 1994 through 2000.

³ Each well reported with a concentration above an MCL was confirmed with a second detection above an MCL. This information is intended as an indicator of the

types of activities that cause contamination in a given basin. It represents the water quality at the sample location. It does not indicate the water quality delivered to the consumer. More detailed drinking water quality information can be obtained from the local water purveyor and its annual Consumer Confidence Report.

Well Production characteristics

Well yields (gal/min)		
Municipal/Irrigation	NKD.	
Total depths (ft)		
Domestic	Range: 22 - 325	Average: 123 (42 Well Completion Reports)
Municipal/Irrigation	NKD	
NKD – No known data		

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	NKD
DWR	Miscellaneous water quality	2 wells bi-yearly
Department of Health Services	Miscellaneous water quality	2

Basin Management

Groundwater management:	The County of Siskiyou adopted a groundwater management ordinance in 1998.
Water agencies	
Public	None
Private	None

Selected References

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